

Converting Colors

$Y_{xy}(53.8391, 0.3376, 0.3130)$

Have a look what the booklet for
Yxy(53.8391, 0.3376, 0.3130)
contains.

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Color

Yxy(53.9057, 0.3373, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	E1B7C5
RGB	225, 183, 197
RGB Percent	88%, 72%, 77%
CMY	0.1178, 0.2823, 0.2275
CMYK	0.00, 0.19, 0.12, 0.12
HSL	340°, 41%, 80%
HSV	340°, 19%, 88%
XYZ	58.0536, 53.9057, 60.1534
YIQ	197.1540, 20.5380, 13.2580

Conversions

Conversions Part 2

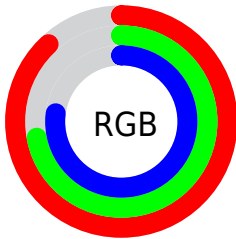
Format	Color
R _Y B	225, 183, 197
Decimal	14792645
CIE Lab	78.41, 17.30, -1.34
CIE LCh	78, 17.355, 355.579
Yxy	53.9057, 0.3373, 0.3132
Android (android.graphics.Color)	4292982725 (0xFFE1B7C5)
YUV	197.1540, -0.0759, 24.4209
Hunter-Lab	73.4205, 12.6541, 2.8181

Details

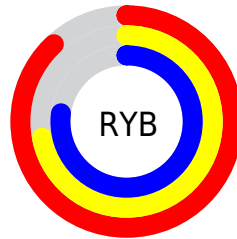
The Yxy color **53.9057, 0.3373, 0.3132** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.6083, 0.2931, 0.3454**, and the grayscale version is **55.9232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1488, 0.3140, 0.3146**, and **26.3834, 0.3438, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **44.7020, 0.3548, 0.3042**, and if you desaturate by 10%, it is **64.6661, 0.3230, 0.3219**.

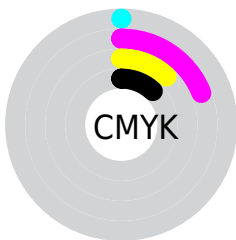
Distribution



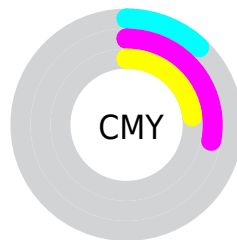
- Red (88%)
- Green (72%)
- Blue (77%)



- Red (88%)
- Yellow (72%)
- Blue (77%)



- Cyan (0%)
- Magenta (19%)
- Yellow (12%)
- Black (12%)




- Cyan (12%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9057, 0.3373, 0.3132 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 53.9057, 0.3373, 0.3132 by changing the saturation by 10% instead.


 53.9057, 0.3373,
0.3132

 53.9057, 0.3373,
0.3132


401.7503, 0.3253,
0.3209

 38.5263, 0.3402,
0.3114


 95.9358, 0.3330,
0.3159

 26.3914, 0.3439,
0.3090


123.3552, 0.3314,
0.3170

 17.1167, 0.3487,
0.3060

155.5568, 0.3300,
0.3179

 10.3177, 0.3552,
0.3019

192.9249, 0.3288,
0.3186

 5.6101, 0.3647,
0.2959

235.8439, 0.3278,
0.3193

 2.6095, 0.3795,
0.2867

284.6982, 0.3269,

 0.9314, 0.4060,

0.3199

0.2705

339.8722, 0.3261,
0.3204

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.9057, 0.3373,
0.3132

53.9057, 0.3373,
0.3132

44.7020, 0.3548,
0.3042

64.6661, 0.3230,
0.3219

36.9754, 0.3760,
0.2952

77.0435, 0.3113,
0.3301

30.6502, 0.4013,
0.2868

91.1038, 0.3017,
0.3376

25.6411, 0.4308,
0.2799

94.7429, 0.2946,
0.3289

■ 21.8533, 0.4638,
0.2756

■ 19.1793, 0.4987,
0.2752

■ 17.4922, 0.5329,
0.2797

■ 16.6030, 0.5636,
0.2887

■ 16.5087, 0.5675,
0.2900

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.9057, 0.3145, 0.2983



53.9057, 0.3373, 0.3132



53.9057, 0.3537, 0.3323

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.9057, 0.3373, 0.3132



53.9057, 0.3326, 0.3700



53.9057, 0.2689, 0.3044

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.9057, 0.3373, 0.3132



68.6083, 0.2931, 0.3454

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.9057, 0.2733, 0.3235



53.9057, 0.3373, 0.3132



53.9057, 0.3096, 0.3627

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.9057, 0.3373, 0.3132



53.9057, 0.3507, 0.3654



53.9057, 0.2880, 0.3452



53.9057, 0.2756, 0.2928

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.9057, 0.3373, 0.3132



53.9057, 0.3584, 0.3452



53.9057, 0.2880, 0.3452



53.9057, 0.2691, 0.3101

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.9081, 0.3373, 0.3132



89.9834, 0.3197, 0.3241



53.1568, 0.3036, 0.2813



19.0371, 0.3205, 0.3235



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.9081, 0.3373, 0.3132



67.1000, 0.3430, 0.3101



56.2545, 0.3476, 0.3371



13.7754, 0.3240, 0.3212



9.5353, 0.5634, 0.2878



0.6771, 0.5199, 0.2638

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53.9081, 0.3373, 0.3132



67.1000, 0.3430, 0.3101



65.6363, 0.2843, 0.3207



13.7754, 0.3240, 0.3212



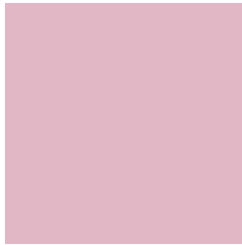
9.5353, 0.5634, 0.2878



0.6771, 0.5199, 0.2638

Previews

White Background



This preview shows how the Yxy color 53.9057, 0.3373, 0.3132 looks on a white background.

Color Contrast Check

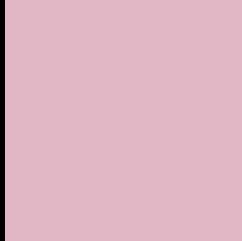
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 53.9057, 0.3373, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

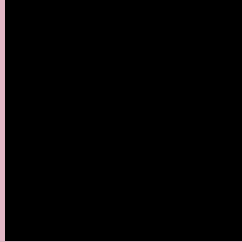
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9057, 0.3373, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 53.9057, 0.3373, 0.3132.



This preview shows how white text looks on a background with the Yxy color 53.9057, 0.3373, 0.3132.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.9057, 0.3373, 0.3132

Protanopia

54.0538, 0.3069, 0.3169

Deuteranopia

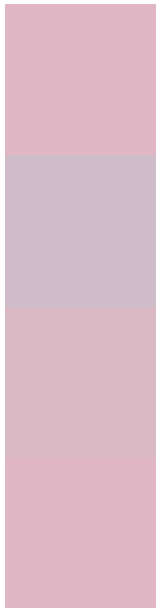
53.9490, 0.3264, 0.3196



Tritanopia

53.9057, 0.3373, 0.3132

Trichromacy



Original Color

53.9057, 0.3373, 0.3132

Protanomaly

53.7340, 0.3175, 0.3148

Deuteranomaly

53.8550, 0.3309, 0.3174

Tritanomaly

53.9057, 0.3373, 0.3132

Monochromacy



Original Color

53.9057, 0.3373, 0.3132

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.9959, 0.3211, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9057, 0.3373, 0.3132 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(225, 183, 197)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 197)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(225, 183, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 197) }
```

Border

The CSS property to change the border of an element to Yxy 53.9057, 0.3373, 0.3132 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 183, 197) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(225, 183, 197) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(225, 183, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 183, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 183, 197);  
box-shadow:4px 4px 4px 4px rgb(225, 183,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9057, 0.3373, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 183, 197) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(225,  
183, 197) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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